

New 309 Strategies on Coastal Hazards, Ocean Resources, & Marine Debris



VIRGINIA SECTION 309 COASTAL NEEDS ASSESSMENT & STRATEGIES

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Every five years the Virginia CZM Program assesses the Commonwealth's coastal resources and management efforts. High priority topics are then chosen and 5-year grant strategies are designed to result in new enforceable policies to manage better those high priority resources or issues.



VIRGINIA SECTION 309 COASTAL NEEDS ASSESSMENT & STRATEGIES

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5-YEAR BUDGET SUMMARY BY STRATEGY

Strategy Title	Anticipated Funding Source (309 or other)	Year 1 Funding	Year 2 Funding	Year 3 Funding	Year 4 Funding	Year 5 Funding	Total
Coastal Hazards	309	\$176,000	\$167,000	\$167,000	\$167,000	\$167,000	\$844,000
Ocean Resources	309	\$183,000	\$176,000	\$176,000	\$176,000	\$176,000	\$887,000
Marine Debris	309	\$170,000	\$160,000	\$160,000	\$160,000	\$160,000	\$810,000
Total Funding		\$529,000	\$503,000	\$503,000	\$503,000	\$503,000	\$2,541,000

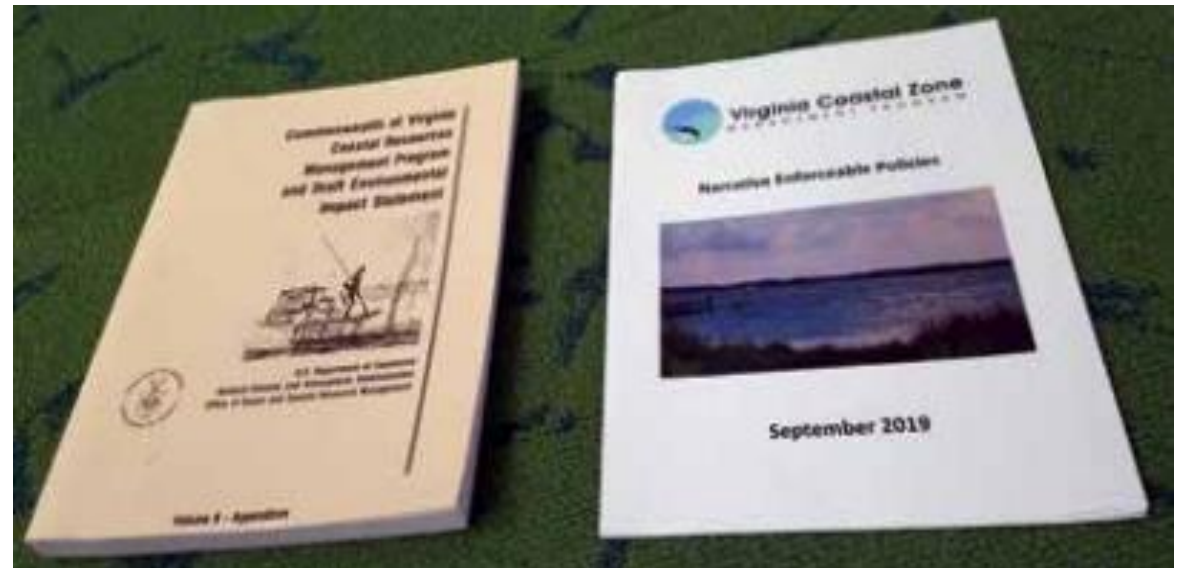
New 309 Coastal Hazards Strategies FY 21 – 25

- **Developing Resilient Enforceable Policies**
- **Building Local Resilience Through RAFT & CRS**
- **Designing Next Generation Shoreline Plans**



Developing Resilient Enforceable Policies

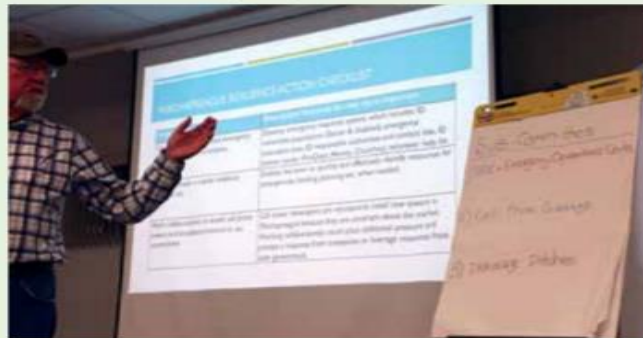
- **VCPC Will Work w/ CZM Agencies to Evaluate New Narrative Enforceable Policies and Recommend Ways to Incorporate Resilience**
- **Define Resilience (Nov '21 CPW Discussion)**
- **EPA Methodology Used at DEQ**
- **Prioritize Recommendations**
- **Years 2-5: Refine Analysis and Address Priorities**



Building Local Resilience Through RAFT & CRS

- RAFT Team and Wetlands Watch Will Continue to Evaluate and Support Local Resilience Efforts
- Identify Local Needs, Priorities and Projects

Evaluation Topics from the RAFT Scorecard



All photos by Aileen Devlin, Virginia Sea Grant.

POLICY, LEADERSHIP, AND COLLABORATION

LOCALITY LEADERSHIP AND PLANNING FOR RESILIENCE
LOCALITY LEADERSHIP AND RESPONDING TO AN EMERGENCY
LOCAL COLLABORATION WITH STATE AGENCIES AND REGIONAL PDC
ADAPTIVE MANAGEMENT
THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMMUNITY RATING SYSTEM

RISK ASSESSMENT AND EMERGENCY MANAGEMENT

FLOOD EXPOSURE AND VULNERABILITY ASSESSMENT
RISK ASSESSMENT FOR VULNERABLE POPULATIONS
BUSINESS AND ECONOMIC RISK ASSESSMENT
HAZARD MITIGATION
RESIDENT EMERGENCY PREPAREDNESS

COMMUNITY ENGAGEMENT, HEALTH, AND WELL-BEING

PUBLIC INVOLVEMENT IN RESILIENCE PLANNING
PROVIDING COASTAL RESILIENCE INFORMATION TO THE PUBLIC
RESIDENT LEADERSHIP AND VOLUNTEER NETWORKS FOR COASTAL RESILIENCE
RESILIENT SYSTEMS TO PROVIDE FOOD, HEALTH, AND MEDICINE
PHYSICAL AND MENTAL HEALTH FOR SOCIAL EQUITY IN COMMUNITY RESILIENCE

PLANNING FOR RESILIENCE

BUDGET, FUNDING, AND STATE & FEDERAL ASSISTANCE
COASTAL RESILIENCY IN COMPREHENSIVE PLAN
LAND USE ORDINANCES
INCENTIVES FOR COASTAL RESILIENCE
NATURAL RESOURCE PRESERVATION

INFRASTRUCTURE RESILIENCE

STORMWATER INFRASTRUCTURE
CRITICAL TRANSPORTATION INFRASTRUCTURE
WATER SUPPLY AND WASTEWATER MANAGEMENT SERVICES
NATURAL AND NATURE-BASED FEATURES

Designing Next Generation Shoreline Plans

- **More Detail to Help Identify Resilience Projects**
- **Field Analysis of Priority Areas**
- **Living Shoreline Design Standards and Contractor Certification**
- **No FY 21 Project, But MPPDC Focal Area Pilot**

